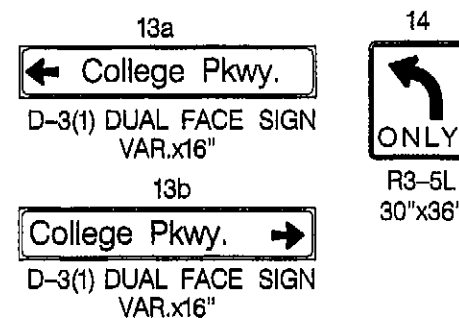
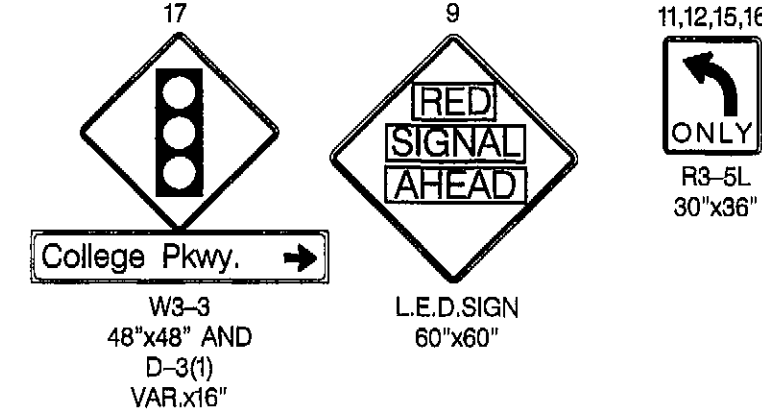




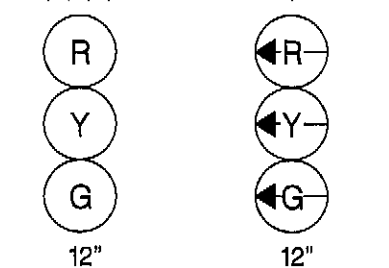
### PROPOSED SIGNS



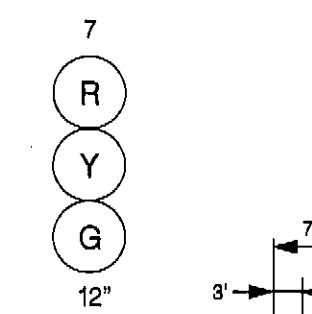
### EXISTING SIGNS



### EXISTING SIGNALS



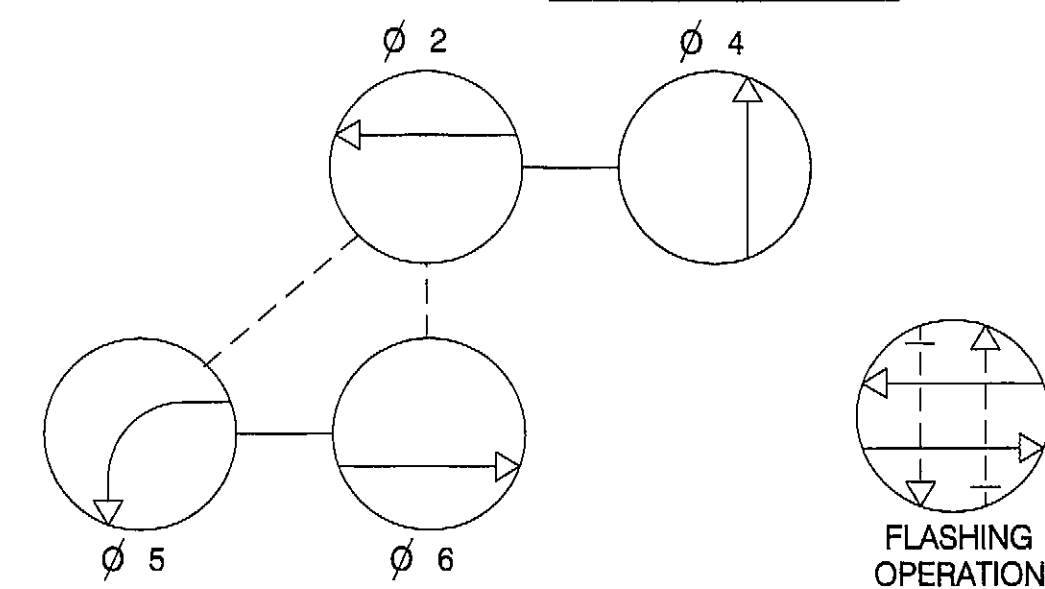
### EXISTING SIGNALS (TO BE RELOCATED)



### EXISTING VIDEO DETECTION CAMERA



### NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

MD 2 SOUTHBOUND

MD 2 NORTHBOUND

COLLEGE PARKWAY

### CONSTRUCTION DETAILS

- VIDEO DETECTION ZONE
- INSTALL R3-SL SIGN AND RELOCATE EXISTING SIGNAL HEAD ON EXISTING MAST ARM
- INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL 5 IN. SKIP WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (10' LINE - 30 GAP)
- INSTALL 5 IN. SKIP WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (8' LINE - 3 GAP)
- INSTALL 5 IN. SOLID YELLOW HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- INSTALL WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- RELOCATE GROUND MOUNTED SIGN
- REMOVE PAVEMENT MARKINGS
- INSTALL D-3(1) DUAL FACE SIGN ON EXISTING MAST ARM
- RELOCATE EXISTING SIGNAL HEAD

### GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.

### PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 2 AND COLLEGE PARKWAY IN ANNE ARUNDEL COUNTY. MD 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

### INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A FOUR PHASE FULLY-ACTUATED MODE WITH AN EXCLUSIVE LEFT TURN PHASE FOR S.B. MD 2. THIS WILL NOT CHANGE.

### PROJECT CONSTRUCTION

WORK WILL CONSIST OF WIDENING IN THE MEDIAN TO ALLOW A COLLEGE PARKWAY TRIPLE LEFT TURN MOVEMENT.

### EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR.  
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO COTS FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
200 LF	FURNISH AND INSTALL 5 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
350 LF	FURNISH AND INSTALL 5 IN. YELLOW PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
15 LF	FURNISH AND INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
1 EA	FURNISH AND INSTALL R3-SL SIGN (30" X 36") - MAST ARM MOUNT
1 EA	FURNISH AND INSTALL D-3(1) DUAL FACE SIGN (VAR. X 16") - MAST ARM MOUNT
6 EA	FURNISH AND INSTALL WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROW
2 EA	RELOCATE EXISTING GROUND MOUNT SIGN
50 LF	REMOVE EXISTING PAVEMENT MARKINGS
1 EA	RELOCATE EXISTING SIGNAL HEAD

### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

COLLEGE PARKWAY TRIPLE LEFT TURN PAVEMENT MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROWS	50'
LEFT ARROWS	190'



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 2 AND COLLEGE PARKWAY  
ARNOLD, MARYLAND

### TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20'	DATE 4-19-73	CONTRACT NO.
DESIGNED BY	COUNTY ANNE ARUNDEL	
DRAWN BY C. JEDNORSKI	LOGMILE 02000227.16	
CHECKED BY	T.I.M.S. NO. 1-254	
F.A.P. NO.	TOD NO.	
DRAWING NO. TS-573 J	SHEET NO. 1 OF 1	

TRAFFIC CONCEPTS, INC.

325 Gambrills Road  
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Gambrills, MD 21054  
(410) 923-7101  
FAX: (410) 923-6473  
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

### APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

### REVISIONS

NO.	DATE	REVISION
1	7-1-10	REVISE SIGNING AND PAVEMENT MARKINGS FOR COLLEGE PARKWAY TRIPLE LEFT TURN
2	3-04	INSTALL VIDEO DETECTION